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## United States Cotton Quality Report For Ginnings Prior 70 December 1, 1976

Vol. 50, No. 3

December 20, 1976

Upland cotton ginned prior to December 1 this season averaged lower in grade and shorter in staple than a year ago, according to the Cotton Division, Agricultural Marketing Service, USDA. This season's ginnings contained record proportions of grade 41 and the largest proportion of Spotted grades since 1966. Upland ginnings through the end of November contained a larger proportion of staples 32 and 33 than any crop since 1966 and the smallest proportion of staples 34 and 35 since 1970. Cotton miking in the 3.5-4.9 mike range accounted for 82 percent of ginnings this season compared with 81 percent last season and 85 percent two years ago. Average fiber strength at 87,000 pounds per square inch was down slightly from 87,100 psi through the same period last year but up from 86,900 psi in 1974. The supply of upland cotton to December 1 was 11.1 million bales, almost the same as a year earlier. Ginnings prior to December 1 totaled 7.7 million running bales.

White grade 41 made up over 43 percent of upland ginnings prior to December 1 this season. This was the largest proportion of grade 41 in any crop since records began in 1938 and compares with almost 37 percent a year ago and 42 percent through the same period in 1974. White grades 31 and higher comprised almost 16 percent of ginnings this season against 23 percent a year earlier and 15 percent two years earlier. All White grades accounted for over 77 percent of ginnings through the end of November. This was the smallest proportion of any crop in the White grades since 1971 and compares with 83 percent the two previous years. The Light Spotted grades made up about 18 percent of ginnings against 16 percent last year and 15 percent in 1974. The Spotted grades comprised almost five percent of ginnings prior to December 1. This was the largest proportion of any crop in the Spotted grades since 1966 and compares with one percent through the same period the two previous seasons. The average grade index was 92.6 (grade 31=100) against 93.0 a year earlier and 91.8 in 1974.

Cotton stapling 34 and 35 comprised about 60 percent of upland ginnings prior to December 1 this season. This was the smallest proportion of a crop in these medium lengths since 1970 and compares with 65 percent through the same period last year and 75 percent two years earlier. Staples 32 and 33, combined, made up over 15 percent of this season's ginnings, the largest proportion of any crop in these lengths since 1966. Last season these two lengths made up seven percent of ginnings prior to December 1 and five percent two years ago. Staples 31 and shorter accounted for almost 11 percent of ginnings this season compared with 11 percent last year and five percent the year before. Staples 36 and longer comprised almost 14 percent this season against 16 and 15 percent in 1975 and 1974, respectively. The average staple was 34.0 thirty-seconds inches compared with 34.2 through the same period last year and 34.6 in 1974.

The average mike of upland cotton ginned prior to December 1 was 4.3, up slightly from 4.2 a year earlier and the same as through the same period in 1974. Cotton in the 3.5-4.9 mike range made up 82 percent of the ginnings through the end of November, up from 81 percent a year earlier but down from 85 percent two years ago. Eleven percent of ginnings miked 5.0 or higher this season compared with seven percent last year and nine percent through the same period in 1974. Almost seven percent of ginnings prior to December 1 miked 3.4 or lower against almost 13 percent a year earlier and seven percent in 1974.

Fiber strength of upland cotton ginned prior to December 1 averaged 87,000 pounds per square inch (psi), down slightly from 87,100 psi through the same period last year but up from 86,900 psi in 1974. Cotton weaker than 80,000 psi made up less than 11 percent of ginnings this season. This was the smallest percentage of any crop in these weaker ranges since records began in 1966 and compares with over 11 percent last season and 14 percent in 1974. Cotton 90,000 psi and stronger made up about 33 percent of ginnings through the end of November, about the same as a year ago, but up slightly from the 31 percent in 1974.

Cotton ginned prior to December 1 this season totaled 7,660,800 running bales, according to the Bureau of the Census. This compares with 5,793,600 bales ginned through the same period last season and 8,291,400 two years earlier. This season's ginnings to December 1 included 33,900 bales of American Pima cotton against 19,400 last year and 38,800 in 1974.

The supply of upland cotton to December 1 this season (carryover plus ginnings) totaled 11.1 million bales, almost the same as a year earlier. The grade distribution indicates an increase of 233,000 bales in this season's supply of grade 41 cotton. Grades 31 and 51 showed a decrease of 105,000 and 301,000, respectively. Supplies of all White grades decreased 221,000 bales compared with last season's supply to December 1. Supplies of Light Spotted grades decreased 184,000 bales while supplies of Spotted grades increased 326,000 bales. Staple distribution showed an increase of 108,000, 425,000 and 418,000 bales for staples 32, 33 and 34, respectively. Staple 35 showed a decrease of 854,000 bales and staple 36 decreased 158,000. Supplies of staples 30 and 31 increased slightly while staples 29 and shorter decreased. Supplies of staple 37 and longer decreased slightly.

Upland cotton in the United States, ginnings and supply, by grade 1/ Table 1.

Change in Supply	I'rom 1975	Pct.	,	-34.4	476.9	-5.9	-5.1	16.0	ı	-21,1	-13.6	+1.9	1	+10.5			-53.3	+7.8	-13.8	-8.6			•	+322.0	+108.8	+65°B	+275.0	•		1	-50.0	+12.5	-5/.1					-50.0	-24.1	(	-0.4
Change 1	1976 fi	1,000 bales	C	-22	+10	-105	-38	+233	0	-301	e	+3	0	+5		0	8	+30	-176	-39		-	0	+142	+136	+48	+44	+2		0	-	+1	4-			0	0	-1	-13	2	-48
1 1	19/6	Pct.	*	0.4	0.5	15,1	6.4	37,3	4.1	10.1	0.2	1.4	*	0.2			0.1	4.9	0.0	3.7		1	*	1.6	2.3	1.1	0.5				*	0.1	110				*	*	4.0	0	100.0
December	1975	Pct.	*	0.6	0.1	16.0	6.7	34.9	4.1	12.7	0.2	1.4	*	0.2		*	0.1	4.5	11.4	4			*	4.0	- 1	0.7	0.1	*		*	*	1.0	1.0		-	*	*	*	0.5	000	100.0
lot	1976	1,000 bales	*	42	23	1,682	713	4,146	456	1,125	19	160	*	21		•	7	542	990 F	416			CJ	182	261	121	09	D		1 .	(	<b>o</b> (	n			1	*	н	41	0 2 5 5	11,140
Sur	1975	1,000 bales	*	64	13	1.787	751	3,913	456	1.426	22	157	**	19		* *	15	503	1.275	455		1	C)	40	125	73	16	**		# (	24 0	1 α			-	**	**	2	54	001 11	11, 100
30	1976	Pct.	*	0	*	15.5	5.0	43,4	2,6	9,5	0.1	1.0	*	0.1			*	4.8	0.5	3.2			*	1.5	7.0	20	0.3	*			* (	T *				-	*	*	0.2	000	100.0
12	1975	Pct.	*	0.6	*	22.0	6.5	36.9	2.2	13.5	0.1	1.2	*	0.1		. 1	*	3.3	0.0	3		1	*	0.1	n 0	5.0	*	1			* (				1		*	•	0.1	000	100.0
10	1976	Bales	73	16 953	894	1.178.425	382,367	3,300,952	198,922	725,633	7,274	78,263	152	909'6			3.402	366, 161	721,494	242,537		1	2,159	115,898	158,044	/10,00	27,138	339		1 0	2/8	0,000	1,2003		1	1	96	122	15,610	578 969 5	00000000
nos	1975	Bales	7117	36 684	1,826		375,890		129,286	778.929	5,684	70,097	124	5,722		1	1.774	190,615	531,790	201,287		,	104	3,426	16,212	106,61	465	1	(	23	1,269	4,902 200E	1,603		1	1	32	46	8,190	F 174 034 7	
	1976	Pet.	*	0.0	*	12.4	4.4	35,1	2.5	10.6	0.2	1,3	*	0.1		· 1	0.1	7.3	12.7	4.1			0.1	2.0	J	1.4	0.7	*		1 4					•	1	*		0.2	000	100.0
1-30	1975	Pct.	*	7	*	18.0	5.7	33.9	1.8	16.5	0,1	1,8		0,1		,	0.1	4.5	11.5	4.4		•	*	D. U	0.0	n "0	*	1	,			N. *			1	1	*	*	0.2	0 00 0	
121	1976	Bales	ر بر	7.439	307	487,201	172,343	1,376,683	99,811	416,893	6,167	50,316	152	4,986			2.713	287, 192	500.349	161,529			2,085	112,724	145,515	53,498	26,879	302		1 (	342	1,893	160		1	1	40	73	8,741	2 026 965	1 6
	1975	Bales	, L	16.044	451	541,540	172,232			494,999	3,585	54,120	108	4,509		- 1	1.506	133,950	345,809	131,290		1	99	2,404	9,366	8,033	254	1		10	1,086	4,029	CII'I		1		20	10	4,534	7000	
	Code		(11)	(21)	(30)	(31)	(40)	(41)	-	(51)	(09)	(61)	(70)	(11)	Į.	(12)	(22)	(35)	(42)	(52)		(13)	(23)	(33)	(43)	(53)	(24-54)	(25-32)	1,1	(16)	(50)	(30)	( <del>Q+</del> )		(17)	(27)	(31)	(47)	3		CHPPPP
Grade			White	N V	+ W	M.	S. L. M.+	S. L. M.	L.M.+	L.M.	S.G.0.+	S.G.0.	G.0.+	G. O.	Light Spotted	G. M.	W.	M	S. T. M.	L.M.	Spotted	G.M.	S.M.	М.	S.L.M.	г. ж.	Tinged 2/ (	1	Light Gray	G.M.	N. W.	M W	0. L.M.	Gray	G.M.	S.M.	М.	S. L. M.	Below Grade 3		1/ Data for current

Data for current season are preliminary. Includes all grades.

Bales that are lower in grade than the lowest official standard for the corresponding color group. Less than 0.05 percent. \*\* Less than 500 bales. नालाला•

4.0-

-48

11,140 100.0 100.0

11,188

5,774,234 7,626,873 100.0 100.0

Upland cotton in the United States, ginnings and supply, by staple 1/Table 2.

Supply	1975		Pct.	-50.0	-55.3	-38.4	+8.4	+13.9	+21.5	+59.1	+15.3	-19.6	-10.5	-15.0	+85.7	100.0	1
Change in Supply	1976 from 1975	1,000	bales		-26	-73	+42	+ 9/4	+108 +	+425 +	+418 +	-854	-158	-12 -	+ 9+	+1 +1	0
1   CF	1976		Pct.	*	0.2	1,1	4.9	5.6	5.5	10.3	28.2	31.5	12.0	0.6	0.1	*	
	1975		Pct.	*	0.4	1.7	4.5	4.9	4.5	6.4	24.4	39.0	13.4	0.7	0.1	*	*
Supply to December	1976	1,000	bales	П	21	117	541	621	610	1,144	3,147	3,510	1,342	68	13	1	4
Suppl	1975	1,000	bales	N	47	190	499	545	502	719	2,729	4,364	1,500	80	7	*	4
30 11	1976		Pct.	*	0.1	9.0	4.2	5.6	5.2	10.3	28.2	32.0	13,4	0.4	*	*	*
vember	1975		Pot.	*	0.7	2.2	3,9	4.3	3.2	4.2	20.3	44.9	15.9	0.4	*	*	*
Season through November 30	1976		Bales	327	4,597	46,417	317,779	428,909	396,152	788,015	2,149,171	2,438,776	1,024,035	29,497	1,351	512	1,335
Season	1975		Bales	1,647	39,417	126,916	222,406	249,624	187,373	243,950	1,169,643	2,590,536	917,890	23,379	823	282	348
	1976		Pct.	*	0.1	1.0	6.7	8.8	7.0	8.6	23.1		12.2	0.4		*	
-30	1975		Pet.	0.1	1.3	4.2	7.0	6.2	3.0	4.5	20.3	39.0	13.9	0.5	*	*	*
November 1-30	1976		Bales	229	4,071	40,487	262,503	344,866	275,738	336,531	699,906	1,256,349	479,431	17,394	949	458	1,190
	1975		Bales	1,582	39,014	125,939	210,019	186,502	91,673	134,592	611,094	1,174,402	419,152	14,016	452	241	117
0+001	Scapie			and shorter								-1					and longer
				26 a	28	29	30	31	32	33	34	35	36	37	38	39	40 a

Data for current season are preliminary.

All staples 3,008,795 3,926,865 100.0 100.0

Less than 0.05 percent.

Less than 500 bales.

Specified measures of quality for upland ginnings 1/ Table 3.

	November 1-30	r 1-30	Season throu	Season through November 30	Supply to December 1	December 1
Teell	1975	1976	1975	1976	1975	1976
Grade index (Mid. White=100)	92.2	91.7	93.0	92.6	92.2	92.2
Average staple, 32nd. inch	33.8	33.8	34.2	34.0	34.1	33.9
Rough preparation, percent		0.1	*	0.1	1	1
Tenderable, percent 2/	61.0	57.8	68.2	64.9	1	
Average mike reading	4.0	4.2	4.2	4.3	1	,
Average fiber strength (Mps1)	86.8	85.8	87.1	87.0	í,	

Data for current season are preliminary.

Tenderable for grade, staple and mike in settlement of futures contracts. 101

Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to December 1, 1976 with 1975 comparisons, by states 1/

1	0 0 0 0	1076	Rdge	4.3	4.6	4.8	1	4.6	6.4	4.2	4.0	4.5	4.	4.8	4.1	3.9	4.7	4.0	4.6	
	Average	1078	Rdg.	4.	4,3	4	4.5	£.4	4.4	4.4	4.4	4.5	4.5	4.1	3.6	3.4	4.6	4.1	4.4	
F	and	1 ore	Pet.	ന	18.1	31.5	1	21.8	5.1	2.9	1.1	16.7	18.0	39.5	10.7	4.0	27.8	1.4	24.1	
	5.0	above	Pet.	4.2	1.6	0.6	9.0	0.6	0.0	4.4	9.5	15.0 ]	9,9	2.7	3.8 ]	1	30.1	1.6	2.0 2	
sle	5-4.9	1		93.1	80.8	4.89	1	76.3	91.1	91.0	88.1	80.3	80.2	58.7	73.7	86.0	71.2	91.4	75.7	
Total	3.5-	3000	Pet.	95.6	7.76	6.86	99.2	98.3	91.6	95.0	88.6	82.4	87.0 8	90.4	47.8	48.4	67.5	91.2	0.76	
1 2	Mo	5			1:1	0.1	1.	1.9	8	6.1	10.8	3.0	1.8	1.8	15.6	13.6	1.0	7.2	0.2	
	1 ~	3.	- Indian		7.0	0,5	1	1:1	1.8	0.6	2.2	2.6	3.1	6.9	48.4	51.6	2.4	7.2	1.0	(
6	) '0	-			4.4	6.2		5.8	0.3	0,3		4.2	3,57	18.2	2.5		5,5	0.3	7.2	(
5.3	and	above	19/2 19/0 Pct. Pct.			•		•	0.3	0.3	9.0	2.5	0.6	4.0	0.6	1	8.6	0.5	. 1	(
	5.2	_	Pet.		15.7	25.3		16.0	8.4	2.6	1.1	12.5	14.5	21.3	8.2	4.0	22.3	1.1	16.9	
	5.0-5.		19/5  Pet.		1.6	9.0	0.8	0.0	6.3	4.1	8.0	12.5	6.3	2.3	3.2	1	21.5	1,1	2.0	ı
	6.4	_	19/01 Pet.		47.5	8. 48	ı	41.6	31,5	27.0	13.1	36.3	44.2	33.6	23.5	6.8	44.6	10.6	40.5	
	4.5-4.9	_	19/5  Pet.		28.5	23.2	6.19	27.7	40.6	38.0	40.0	48.3	48.3	19.6	12.4	0.3	38.3	15.9	54.0	}
T	4.4	-	Pet.		28.6	12.8		26.0	42.5	39.5	40.0	31.7	28.6	18.8	28.6	40.5	22.2	45.9	30.8	(
	4.0-4.4	_	19/5  Pet.		57.1	65.7	32.6	55.4	41.1	47.1	35.4	26.8	30.2	8.44	16.8	12.0	21.9	47.8	31.9	(
	9.0	1	Pet.	15.4	4.7	0.8		8.7	17.1	24.5	35.0	12.3	7.4	6.3	21.6	38.7	4.	34.9	4.4	
	3.5-3.9	1	19/5  Pct.	4.1	0.7 12.1	10.0	4.7	15.2	6.6	6.6	13.2	7.3	8° 13	26.0	18.6	36.1	7.3	27.5	11.1	1
	3.4	į	Pet.	1.2	0.7	0.1	1	1.2	2.1	3.2	6.2	1.8	1.1	6.0	5.8	6.7	0.6	4.9	0.2	(
	3.3-3.4	1	19/5  Pct.	0.1	0.5	0.3	1	0.8	0.0	4.0	1.5	1.2	1.6	4.3	7.6	5.0 15.0	1.0	3.8	1.0	(
	3.2	T.	Pct.	0.3	4.0		1	0.7	7,5	2.4	4.1	1.1	0.7	0.6	6.3	5.0	4.0	2.2	•	(
	3.0-3.2	1	Pet.	0.1	0.2	0.2	- 1	0.3	0.8	0.2	0.7	1.2	1.2	2.1	20.2	21.9	1.1	2.4	•	1
	5.9	1	1970 Pet.	0.1	*	ť	-1		0.2	0.5	0.5	0.1	٠	0.3	2.7	1.6		9.0	1	(
	2.7-2.9	1	19/5  Pct.			1	ı		0.1			0.2	0.3	4.0	14.8	12.2	0.3	1.2	ı	(
5	) T					1	1	,	*				1		0.8	0.3		0.1		
0	and	below	19/5 19/6 Pct. Pct.	-	1	1	1	1	*	r	*		1	0.1	3.7	2.5	•	4.0	1	(
	a	2							•	7.		200		e e			, N	if.	613	
1	S. to to		1	N.C.	8.0	ça.	Fla.	Ala.	Miss.	Tenn.	Mo.	Ark.	ra.	Okla.	Tex.	N. M.	Ariz.	Calif.	Other	;

Less than 0.05 percent.

Percentage distribution of fiber strength for upland cotton ginnings prior to December 1, 1976 with 1975 comparisons, by states 1/Table 5.

							Zero	Gage	Fiber	Strength	th (Most	12					A		Average	9.0
State	64 &	below	69-59	69	70-74	74	75-7	6,	1 1	94	-	39	90-94	94	95-99	T	100 & 8	above	strength	ngth
	1975	5 1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	-	1976	1975	1976
	Pet.	Pet.	Pet.	Pet.	Pet.	Pct.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pet.	Pot.	Pot.	Pot.	Pet.	Mps 1	Mps1
N. C.	1	1	. 1	0.1	•	4.0	1	6.8		41.2	1	41.6	1	8.6	1	0.1			•	84.8
S. C.	1	1	t	4	0.2	0.7	14.9	7.9	54.0	40.6	28.5	40.7	2.1	4.6	0.3	0.7	-1		83.0	84.6
Ga.	-	1	1	21	2.6	1.9	33,3	13.1	50.0	38.9	12.7	35,5	1.4	10.1		0.5		•	80.9	84.1
Ala.	17	i	0.1		1.9	3.5	32.1	21.7	46.9	40.6	16.4	28.0	2.6	5.6	,	6.0	1 -		81.2	82.7
Miss.	-1		-	•	0.3	0.1	13.7	2.9	53.7	24,0	27.2	44.8	8.	23.8	0.3	4.0		4.0	83.2	87.2
Tenn.	1			1	0.1	0.5	10.4	8.0	52.5	44.4	31.8	37.9	6.4	8.2	0.3	0.1			83.6	84.2
Mo.		1,	0.1		3.0	0.1	28.6	4.6	49.3	35.8	16.8	48.9	2.2	6.6		9.0	1	0.1	81.3	85.3
Ark.	-	1		13	9.0	0,1	0.11	9.0	46.5	26.6	33.3	41.5	7.8	22.6	0.8	5.2		4.0	83.9	87.0
La.	1	1	•	•	1.2	9.0	18.7	4.7	50.5	22.8	25.6	36.3	3.7	24.8	0.3	4.6	1	1.4	82.6	7.78
Okla.		1	r	į	0.3	0.8	14.3	8.2	47.7	36.7	30.8	41.2	6.7	11.8	0.2	1:1		0.2	83.5	84.9
Tex.	•	1	0.5		1.4	2.9	14.4	23.9	34.8	39.5	33.6	23.6	13.0	7.9	2.2	2.1	4.0	4.0	84.6	82.9
N. M.	1	1	1	•	0.1	6.0	0.7	4.7	3.7	8.6	13.1	17.0	35.6	27.3	31.4	27.4	15.4	14.1	94.1	92.3
Ariz.		-			0.3	1.0	5.8	16.9	34.2	50.9	41.3	25.5	15.3	6.4	2.9	0.8	0.2		82.8	83.0
Calif.	. 1	,		•		0.1	0.1	0.8	1.5	5.0	8	17.5	32.1	36.1	39.7	30.4	18.3	10.1	95.3	93.1
. S.		t			9.0	1.0	10.7	9.6	31.9	26.9	23.4	29.9	15.3	19.7	12.5	10.1	5.6	8.	87.1	87.0
1/ Data	for	current	season	are	preliminary.	nary.														1

Data for current season are preliminary. Less than 0.05 percent. A.

Percentage distribution of the grade of upland cotton ginned prior to December 1, 1976 with 1975 comparisons, by states 1/ Table 6.

									7												
	Grade	1ndex 2/	1975 1976		85.4 91.0	87.0 91.3	87.0 89.0	87.8	89.7 91.5	90.0 91.7	90.7 91.5	91.8 92.1	92.4 93.3	92.6 94.0	90.5 89.1	90.3 89.5	97.5 95.9	98.0 95.6	97.1 95.3	91.5 93.5	93.0 92.6
	Below	Grade	1975 1976	Pct. Pct.	. 4.0	0.5 0.1	0.4 0.1		0.2 0.2	0.2 0.2	0.3 0.4	0.1 0.6	0.1 0.1	0.1 0.1	0.1 0.3	0.3 0.5	- 0.1	0.1 0.2		1	0.1 0.2
	Other	Colored	1976	Pet.	7 3.1	3 6.0	1 1.5	0	2 4.5	6 0.4	3 5.0	1 7.3	3 0.6	9 0.3	2 22.1	5 16.1	1 5.7	2 0.5	4.0	0.3	6.4
	0	9	5 1975	Pct.	1.7	2,3	1 2.1	0.8	9 1.2	9.0	1.3	5 1.1	3 0.3	6.0	2.2	ri.	0.1	9 0.5	*		9.0
		LM 52	1975 1976	Pct. Pct.	12.7 1.2	.9 3.2	.2 6.1	6.6	5,1 2,9	2.8 1.4	3.7 4.7	3,9 3,5	1.7 0.8	1.4 0.8	6.9 8.9	8.8 9.2	0.1 0.9	0.4 0.8	0.2 0.3	10.0 0.3	5 3.2
	-				0	.7 15.	.1 16.	6		4.1 2	-		5.0 1	3.7 1		-	0	0.009	1,1 0	7.1 10	ى ئ
Spotted		SLM 42	1975 1976	Pet. Pet.	4.3 8.	7.01 7.21	19,5 18,1	12.7	10.6 11.7	4.9 4	10.1 13.	15.7 11.8	7.4 5	6.5 3	17.2 35.1	27.3 23.	2.4 5.	2.3 6	0.6 1	4.0 7	9.2 9.
	1		_	Pct. F	6.0	5.0 1	1.3 1	-	2.6 1	6.0	4.3 1	5.7 1	1.8	1.8	17.71	12.1 2	10.7	10.5	0.3	1.0	8.4
Light		M 32	1975 1976	Pot. P	0.2	0.7	9.0		0.3	4.0	9.0	4.2	1.3	1.4	6.3 1	11.01	4.4	9.2 1	0.3	1	3,3
	SM	22 higher	1976	Pct.	1	0.3	•	. 1		•	0.1				0.1	0.1	0.7	0.1		:	
	co.	\$ hi	75	Pct.			1										0.1	0.2	•	1	
	4	60 lower	1975 1976	Pct.	0.7	1.5	1.8	. 1	1.1	2.4	1.5	0.8	0.8	1.0	6.0	2,1	0.1	0.3	0.3	0.5	1.2
	SGO+	60	1975	Pct.	5.0	3.1	1.9	3.6	1.4	3.4	2.2	0.8	0.8	1.1	1.9	2.2			0.2	3.0	1.4
		LM 51	1975 1976	Pct.	17.1	14.3	29.3	1	11.4	20.1	11.4	7.0	10,8	8.9	4°.	8.0	2.0	3.2	4	9.5	9,5
				Pct.	54.2	33.2	32.2	36.9	27.2	30.8	20.7	12.4	14.1	13.4	19.5	12.8	1.3	0.7	3.0	36.0	13.5
		LM+	1976	Pct.	13.5	8.6	5.6	1	4.3	3.8	2.7	3,9	4.3	2.7	0.5	0.5	2.3	1.3	2.4	2.3	2.6
		<b>耳</b> "	1975 197	Pet.	4.6	4.9	3.7	1.6	3.6	3,5	3.8	3.1	4.6	3.2	2,3	0.0	1.3	4.0	1.2	1	2.2
		SLM 41	1975 1976	Pct.	51.7	25.0 42.4	0.3 22.9 35.1	1	53.2	56.1	50.6 42.5	1.7 48.6 43.3	57.0 58.7	56.3	7.3	21.1	21.3	5.1 18.0 38.7	50.4	63.6	43.4
White		εσ.	1975	Pct.	15.5	25.0	22.9	34.5	3.0 48.8	47.7	50.6	48.6	57.0	59.8	31.6	27.7	26.8	18.0	27.7	2.0	36.9
*	1	SLM+	1976	Pet.	1.8	3,1		1		1.9	2.0		3.2	2.5	0.3	0.8	12.5		13.5	5,3	5.0
		co.	1975	Pct.	0.1	0.2	0.1	1 2	0.7	1.0	1.4	1.4	2.7	1.5	1.1	0.5	11.1	7.2	18.0	1.0	6.5
		M 31	1975 1976 1975 1976	Pct.	1.0	4.7	0.8	1	5.0	8.5	11.9	8.7 14.1	13.8	21.6	2,5	6.2	35,8	32.7	26,3	7.9	15.5
				Pet.	0.1	1.5	0.4	1	0.9	4.5	4.9	8.7	6.6	10.6	11.1	6.9	. 48.7	58.8	47.4	38.0	22.0
		30 30	1975 1976	Pct.	0.1	1	*	1	*	•				0.1		*	•				0.6 0.2 * * 22.0 15.5 6.5
			1975	Pct.	1	1		. 1 /	11	1	1		*	*	1	•	1	- 1	0.1		* +
	SM	21 & higher	1975 1976	Pot.	1	0.1		1	0.1	0.2	0.4	0.3	0.1	0.2	•	0.5	2.0	9.0	3 0.2	2.5	0.5
	S	4 d	1975	Pet.	- 1	1	1	1.	•	0.2	0.2		0.1	0.1	0.1	0.1	3.7	2.5	1.3	6.0	0.0
		State			N.C.	S.C.	Ga.	Fla.	Ala.	Miss.	Tenn.	Mo.	Ark.	La.	Okla,	Tex.	N. M.	Ariz.	Calif.	Other	U.S.

2/ Middling White equals 100.

Percentage distribution of the staple of upland cotton ginned prior to December 1, 1976 with 1975 comparisons, and total ginnings, by states 1/ Table 7.

														3								-		-		1
											Staple	le	-				-					1	Aronos	E	Total	
State	28 and shorter	T.	59		30		31		32		33		34	, i et	35		36	1 . 5	37		38 and longer	ld rr	staple 2		upland ginnings	1
	1975 1976		1975 1976 1975 1976 1975 1976 1975 1976 1975 1976	76 19	75 19	76 1	975 1	976	1975	976	1975		1975 1976		1975 1976		975 1	1975 1976 1975 1976	1975		1975 1976		1975 1976	1975	1976	
	Pct. Pc	Pct. P	Pet. Pc	Pet. Pe	Pet. Pe	Pet. Pe	Pct. P	Pct. F	Pet.	Pet.	Pct.	Pct.	Pet.	Pct.	Pct. F	Pct. P	Pct. I	Pet.	Pet. F	Pet. H	Pet. I	Pet.		Bales	Bales	
N.C.		1	1		,	1	1	ı	-1	1	1.8	0.2	42.9	4.9	50.0	54.0	5.2 4	40.3	0.1	9.0	1	(,)	34.6 35.4	42,662	64,112	
S. C.		ı		1	1	ı		ı		*	3.8	0.2	37.0	11.0	47.4 6	60.2 1	11.62	27.4	0.2	1.2	1	*	34.7 35.2	84,098	120,711	
Ga.	1	1_	1	1	1	-1	*		4.0	0.1	11.4	1,3	60.3	34.0	26.4 6	63.0	1.5	1.6	-		1	i,	34.2 34.6	96,247	151,077	
Fla.	1	1.	1	1	1	T			1	-1	11.7	1	6.79	1	20.4		1	ı	-	4	٠,	r)	34.1 -	1,592		
Ala.	1	1		1.			0.1		1.0	0.6 34.	m	29.5	53.5	48.8	10.8 2	20.4	0.3	0.7			1.	*	33.7 33.9	237,770	283,474	
Miss.	1				1			*		0.5	1,2	12.7	28.3	4.4	61.0 2	21.8	6.3	9.0	0.2			0	34.8 34.1	770,784	1,053,817	
Tenn.						1		0.1	0.1	2.2	6.0	41.2	72.1	50.9	21.4	5.2	4.0	4.0			» I	0	34.2 33.6	200,883	195,012	
Mo.	1	1		1	1	1				0.1	0.8	6.7	43.5	58.8	53.6 3	33.1	2.1	E.	1	1	. 1	n	34.6 34.3	184,852	154,048	
Ark.	1			-	1					4.0	7.0	8.7	8.72	59.9	68.4 3	30.2	3.1	0.8			1	n I	34.7 34.2	633,807	713,505	
ľa.			,	1	1	*	1	0.2		1.9	0.5	16.8	28.0	51.4	69.0 2	29.1	2.	9.0	*		1	n 1	34.7 34.1	306,741	517,915	
Okla.	1	0.8	0.6 5	5.6 7	7.2 31	31.3 14.1	4.1 2	28.8 ]	16.5	19.0	13.4	6.9	17.6	ສຸນ	17.4	3.91	12.5	0.8	0.7	1		0	33.2 31.2	30,570	132,698	
Tex.	3.7	0.2 1	11.7 2	2.3 20	20.3 16	16.0 22.6	2.6 2	22.7	16.5	20.2 10.	m	18,3	10.6	15.2	3,1	3.6	6.0	1.0	0.3	0.5		en *	31,3 32,0	1,081,965	1,715,708	
N. M.	0.6	0.1	0.5 0	0.6 1	1,3	1,5	0.7	2.1	0.3	1.5	0.3	6.0	1.7	e e	7.1	8.8	52.9 4	48.93	34.2 3	31.1	7.0	1.2 3	36.0 35.8	45,757	48,139	
Ariz.	,	1				*			0.2	0.2	0.5	9.0	14.7	13.8	75.6 7	78.4	8.8	9.9	0.2	0.3		0.13	34.9 34.9	385,601	564,264	
Calif.		1	1	,		. 1		i.			0.1	0.1	3.0	1.8	53,2 5	52.7 4	43.6 4	45.3	0.3	0.1	1	n	35.4 35.4	1,669,656	1,904,615	
Other	7.1	1		,		1	1.1		1.0	0.3	30.1	10.6	23.0	48.7	5,03	34.5 4	40.9	0.0	1	1		m I	34.5 34.4	1,249	7,778	
U.S.	0.7	0.1	2.2 0	0.6	3.9 4	4.2	4.3	5.6	3,2	5,2	4.2	10.3	20.3	28.2	44.9 3	32.0 1	15.9 1	13.4	4.0	4.0		(r) *	34.2 34.0	5,774,234	7,626,873	
1/ Data	Data for current			son are	preli	iminar	ry.		- 1				23.37					- 37		3 5 5	11-2	* 0				1

Expressed in thirty-seconds of an inch. Less than 0.05 percent. N .

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to December 1, 1976 with 1975 comparisons, by states 1/

				Grade r	eductions			
State	Gra	SS	E	Bark	Other c	auses	Total re	ductions
	1975	1976	1975	1976	1975	1976	1975	1976
	Pct.	Pct.	Pct.	Pct.	Pet.	Pct.	Pct.	Pct.
North Carolina	3.3	5.8	0.1	0.2			3.4	6.0
South Carolina	6.6	11.1	1.4	0.3			8.0	11.4
Georgia	1.9	1.5	5.8	7.1			7.7	8.6
Alabama	2.6	9.6	0.4		- 6	R -71 1	3.0	9.6
Mississippi	8.7	7.6	0.3	0.5			9.0	8.1
Tennessee	7.5	10.5	0.2	0.2		0.1	7.7	10.8
Missouri	1.8	1.1	0.1	0.2	0.1		2.0	1.3
Arkansas	4.6	2.9	0.1	0.1			4.7	3.0
Louisiana	7.9	6.0	0.7	1.2	-		8.6	7.2
Oklahoma	0.4	1.0	13.4	14.2	-	-	13.8	15.2
Texas	1.2	1.6	16.0	23,3			17.2	24.9
New Mexico	0.7	0.7	0.2	3.6	0.1		1.0	4.3
Arizona	1.4	2.2	0.3	0.7			1.7	2.9
California	2.8	2.9		0.2			2.8	3.1
Other	0.8	6.0	2.3	0.2	0.8		3.9	6.2
United States	3.8	3.9	3.3	6.0			7.1	9.9

<sup>1/</sup> Data for current season are preliminary.
\* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and		, - /	November	1-30		Season	n through	November	30
Staple	Code	1975	1976	1975	1976	1975	1976	1975	1976
Grade		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	-	-	-	-	-		-	-
2	(20)	1,221	760	6.7	2.6	1,561	956	8.0	2.8
3	(30)	11,520	6,479	63.4	21.9	11,928	8,519	61.6	25.1
4	(40)	4,823	18,392	26.5	62.0	5,299	19,722	27.3	58.2
5	(50)	560	3,580	3.1	12.1	560	4,306	2.9	12.7
6	(60)	46	373	0.3	1.3	46	373	0.2	1.1
7	(70)	-	19	-	0.1	1 / - 45	19	-	0.1
8	(80)	-	-	-	-	-	-	-	-
9	(90)		-	-	-	-	-	-	-
10	(00)	1-	-	-	-	-	-		-
Total		18,170	29,603	100.0	100.0	19,394	33,895	100.0	100.0
Staple									
40 and shorter		-	-	-	-	-	1 75	-	-
42		29	19	0,2	0.1	29	19	0.1	0.1
44		16,511	20,919	90.8	70.6	17,667	24,753	91.1	73.0
46		1,630	8,665	9.0	29.3	1,698	9,123	8.8	26.9
48 and longer		-	-	-	-	-		= 1 -	-
Total		18,170	29,603	100.0	100.0	19,394	33,895	100.0	100.0

<sup>1/</sup> Data for current season are preliminary.

Table 10. Percentage distribution of micronaire readings for American Pima ginnings prior to December 1, 1976 with 1975 comparisons, by states 1/

			Sta	te			United	Ctotos
Readings	Tex	as	New N	Mexico	Ariz	zona	United	States
	1975	1976	1975	1976	1975	1976	1975	1976
	Perc	ent	Pero	ent	Pero	cent	Pero	ent
2.4 and below	_		_	-	-	_	-	_
2.5	-	-	_	-	-	-	-	
2.6	*	-	_	-	-	-	-	_
2.7	-	-	-	-	-	-	-	-
2.8	1	-	-	-	-	-	-	-
2.9	1.2	0.2	-	-	-	-	0.2	*
3.0	2.0	0.3	1.5	0.6	-	0.3	0.5	0.3
3.1	3.1	1.4	1.5	0.6	0.4	0.3	1.0	0.5
3.2	4.7	3.3	4.6	3.6	0.3	1.4	1.4	1.9
3.3	5.1	3.0	10.8	1.8	0.7	1.0	2.2	1.4
3.4	9.8	4.0	1.5	1.2	1.6	2.2	3.2	2.5
3.5	11.4	7.4	7.7	3.0	2.0	5.5	4.2	5.7
3.6	14.5	12.1	10.8	7.3	7.4	7.7	9.0	8.4
3.7	17.3	8.9	9.2	9.7	11.2	7,5	12.3	7.8
3.8	7.8	11.0	10.8	10.9	12.3	12.8	11.3	12.4
3.9	8.2	7.5	15.5	12.2	16.8	11.4	15.1	10.7
4.0	5.9	9.6	7.7	12.7	17.4	16.1	14.6	14.9
4.1	3,5	9.1	9.2	12.2	16.7	10.6	13.6	10.4
4.2	2.7	8.0	7.7	8.9	7.0	11.4	6.2	10.7
4.3	2.4	5.6	-	2.4	3.9	5.4	3.4	5.3
4.4	0.4	4.6	-	5.3	1.1	4.9	0.9	4.9
4.5	-	2.8	-	1.2	0.7	1.0	0.5	1.3
4.6	-	1.2	1.5	6.4	0.2	0.2	0.2	0.7
4.7	-	-	-	-	0.3	-	0.2	-
4.8	-	-		-	-	0.3	-	0.2
4.9	-	-	-	-	-	-	-	-
5.0 and above	-	-	-	-	-	-	-	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	3.6	3.9	3.7	3,9	3.9	3.9	3.9	3.9

<sup>1/</sup> Data for current season are preliminary.

<sup>\*</sup> Less than 0.05 percent.